

Work Order ID 56486

February 24, 2010 1:48:27 PM

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Item ID: D3281-202

Accept

Revision ID:

Item Name: Floor Protector, Fwd RH

Start Date: 2/24/10 Start Qty: 2.00

Required Date: 2/25/10 Req'd Qty: 2.00

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3281

DEO E-1

100

0.00



Thermoform

HAND FINISHING THERMOFORMING

Memo

0.00

Thermoforming Machine

Cut Blanks

110

0.00



Thermoform

THERMOFORMING MACHINE

Memo

0.00

Thermoforming Machine

Thermoform as per Dwg. D3281 and Folio FTA 008 Dwg. Rev.
PRELIM Folio Rev. B

120

0.00



QC

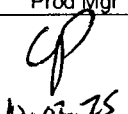
QC2- Inspect parts off machine FAI/FAIB

Memo

0.00

Quality Control

DL 10/02/24 (X2)
DRY@ TIME IN 4:10pm Wk.
255F. TIMEOUT 6:30AM J
10/02/25 (X2)
Temp @ 335 F
Mould @ 230 F
Release @ 270 F
DL 10/02/24 (X2)
DL 10/02/24 X2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10.02.25	130	ENGRAVE P/N AS "D3281-2LOG"	Wh	10/02/25		 10.02.25 PW QSI 042	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 56486

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Item ID: D3281-2CL

Accept



Setup Start



Revision ID:

Stop



Item Name: Floor Protector, Fwd RH

Start Date: 2/24/10 Start Qty: 2.00



Cust Item ID:

Required Date: 2/25/10 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130



Thermoform

Thermoforming Machine

HAND FINISHING THERMOFORMING

Memo

Trim to Finished Dimensions

0.00

0.00

140



QC

Quality Control

QC2- Inspect parts off machine FAI/FAIB

Memo

0.00

0.00

150



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

0.00

QC APPROVAL

2

BB
10/02/25
X2BB
10/02/25
X2

10-26

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D3281-2CL

Revision ID:

Item Name: Floor Protector, Fwd RH

Start Date: 2/24/10 Start Qty: 2.00

Required Date: 2/25/10 Req'd Qty: 2.00

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160



Packaging

Packaging

Packaging

Memo

0.00

W/056514

0.00

10-2-26

(20)

SP

170



QC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

0.00

W/0002.26

10/02/26

SP

POSITIVE RECALL

EFFECTIVE 10.02.24

AUTH

RELEASED

DATE

10.02.26

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 56486



Parent Item: D3281-2CL



Parent Item Name: Floor Protector, Fwd RH

Start Date: 2/24/10

Required Date: 2/25/10

Comments: IPP Rev. A 10.02.24 New Issue LL

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MLEXS.118-90318-08		Purchased	No				sf	2,818.330	8.6666			



Lexan Sheet

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

MAT

2818.33

111588

98.33

113127

2720

9.8 sq ft. OK 10/02/24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD		Work Order: 56486
Description: Floor Protector, Fwd RH		Part Number: D3281-2 ✓
Inspection Dwg: D3281	Rev: D	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

THERMOFORMING SECTION

Description	Accept	Reject	Method of Inspection	Comments
Inside Radii less than 0.1875" Go/No Go	✓			
Shape Definition	✓			
Texture Retention	✓			
Material imperfections such as bumps, cracks, voids, scratching	✓			

Measured by: <i>Wk</i>	Date: 10/02/25
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TRIMMING SECTION

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
18.3	+/-0.100	18.3	✓			
17.4	+/-0.100	17.4	✓			
12.1	+/-0.100	12.1	✓			
0.95	+/-0.030	0.975	✓			
0.25	+/-0.030	0.268	✓			
0.030	Min	0.053	✓			
0.070	Min	0.083	✓			

Measured by: <i>BB</i>	Date: 10/02/25
Audited by: <i>Wk</i>	Date: 10/02/25
Prototype Approval: N/A	Date: N/A

Rev	Date	Change	Revised by	Approved
A	08.02.28	New Issue	KJ/DL	
B	08.04.16	Dimensions updated per Dwg Rev D	KJ/DL	
C	08.07.23	Dwg Rev updated	KJ/DL	
D	08.09.12	Tolerance revised for 0.070 dimension	KJ/DL <i>Wk</i>	<i>BB</i>

DRAWING NO. D3281	TITLE FLOOR PROTECTOR	REV. E	DART AEROSPACE LTD ENGINEERING ORDER		D.E.O. NO. D3281-E-1	SHEET NO. SHEET 1 OF 1	SCALE NTS
DRAWN <i>qp</i>	CHECKED <i>fl.</i>	MFG. APPR.		APPROVED	DE APPR.		
DATE 10.02.24	DATE 10.02.24	DATE		DATE	DATE		

PURPOSE

ADD "D3281-xKCL" MATERIAL OPTION.

CHANGE

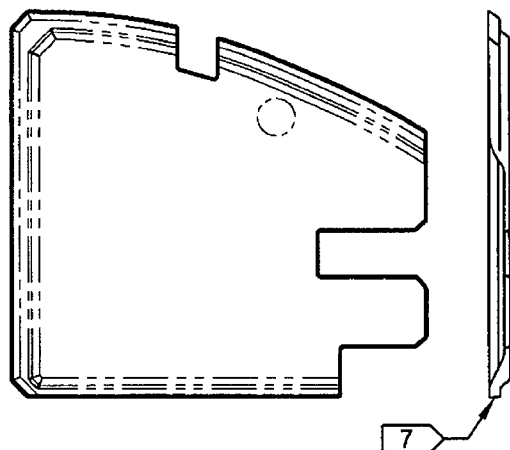
D3281-xKCL PARTS ARE EQUIVALENT TO THE RESPECTIVE "-x" PARTS, HOWEVER THE MATERIAL AND IDENTIFICATION NOTES ARE AMENDED AS FOLLOWS:

2) MATERIAL: LEXAN 90318 (PROTECT-A-GLAZE), 0.118 THICK, 112-CLEAR
(MLEXS.118-90318-08)

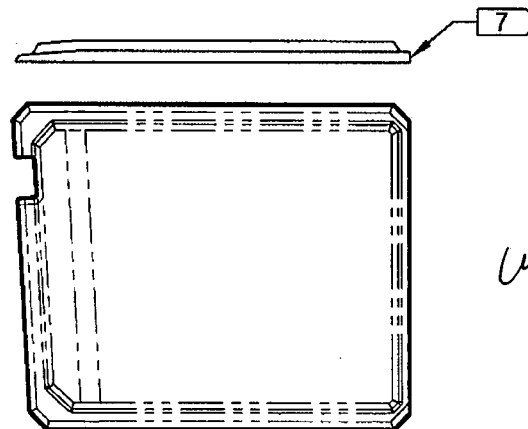
7) IDENTIFICATION: IDENTIFY WITH DART P/N "D3281-xKCL" AND B/N "Bxxxxx" ON SMOOTH SIDE OF PART USING VIBRATING STYLUS.
LOCATE ENGRAVING ALONG PERIMETER OF PART.

PRELIMINARY ISSUE

qp 10.02.24

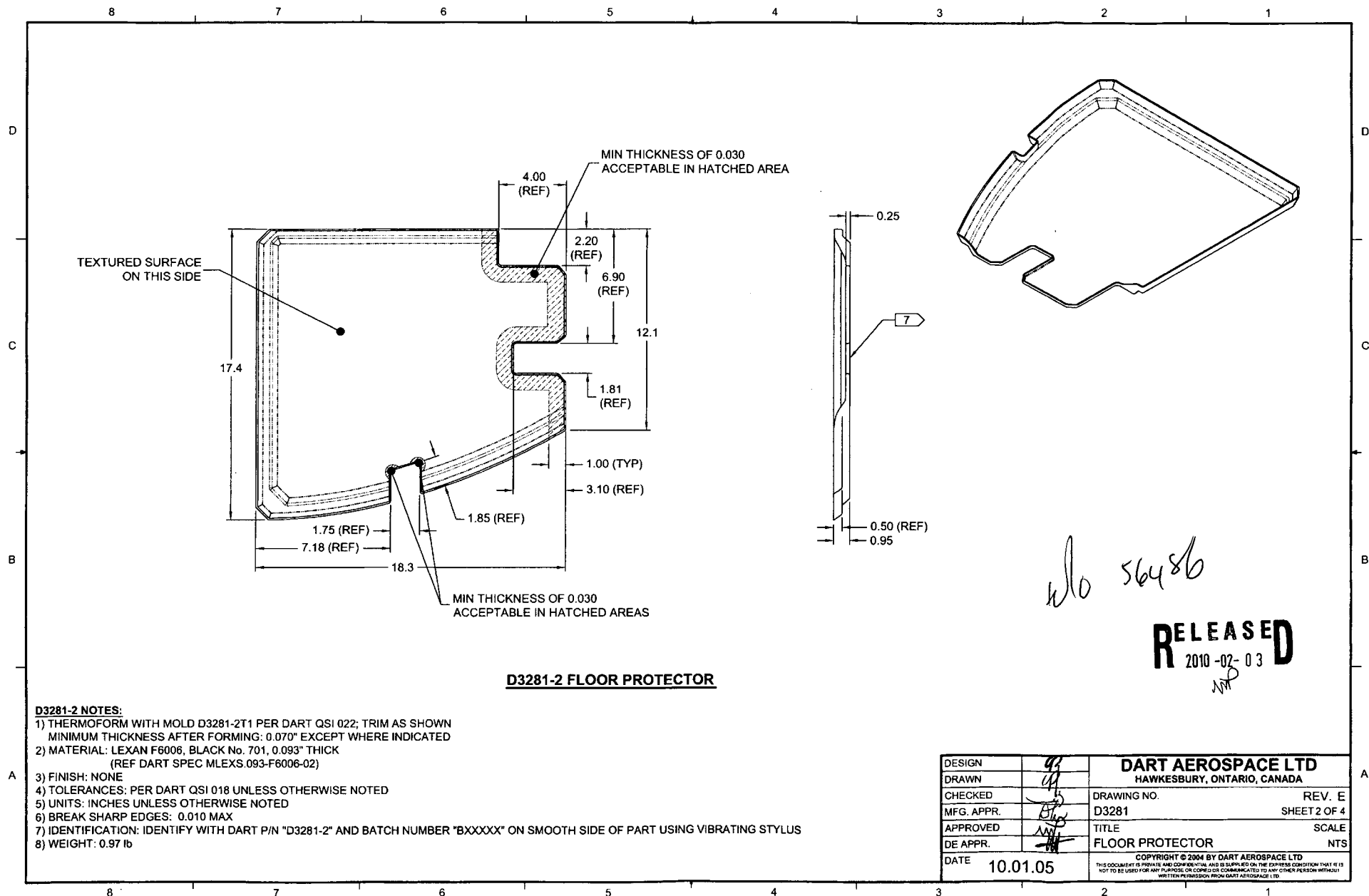


D3281-1KCL FLOOR PROTECTOR (SHOWN)
D3281-2KCL FLOOR PROTECTOR (OPPOSITE)
LOCATION OF ENGRAVING



D3281-3KCL FLOOR PROTECTOR (SHOWN)
D3281-4KCL FLOOR PROTECTOR (OPPOSITE)
LOCATION OF ENGRAVING

who
56/180



DRAWING NO. D3281	TITLE FLOOR PROTECTOR	REV. E	DART AEROSPACE LTD ENGINEERING ORDER		D.E.O. NO. D3281-E-1	SHEET NO. SHEET 1 OF 1	SCALE NTS
DRAWN <i>qp</i>	CHECKED <i>jk</i>	MFG. APPR. <i>jk</i>	APPROVED <i>jk</i>		DE APPR. <i>jk</i>		
DATE 10.02.24	DATE 10.02.25	DATE 10/02/25	DATE 10.02.25		DATE 10.02.25		

PURPOSE

ADD "D3281-xL08" MATERIAL OPTION. EXISTING PARTS TO BE IDENTIFIED AS "D3281-xL02"

CHANGE

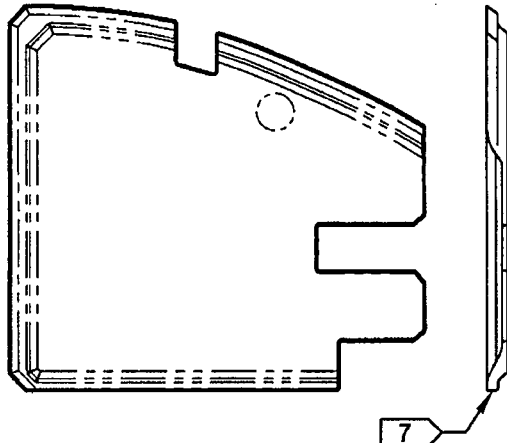
D3281-xL08 PARTS ARE EQUIVALENT TO THE RESPECTIVE "-x" PARTS EXCEPT AS DETAIL BELOW. THE MATERIAL, IDENTIFICATION, AND WEIGHT NOTES ARE AMENDED AS FOLLOWS:

- 2) MATERIAL: -xL02 = LEXAN F6006, BLACK No. 701, 0.093" THICK (MLEXS.093-F6006-02)
 -xL08 = LEXAN 90318 (PROTECT-A-GLAZE), 0.118 THICK, 112-CLEAR (MLEXS.118-90318-08)

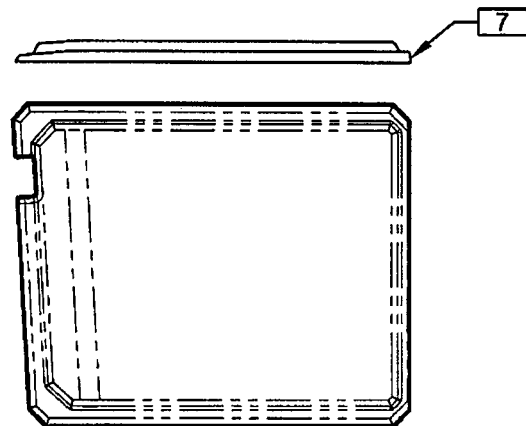
- 7) IDENTIFICATION: IDENTIFY WITH DART P/N "D3281-xLxx" AND B/N "Bxxxxx" ON SMOOTH SIDE OF PART USING VIBRATING STYLUS.
 FOR -xL08 PARTS, LOCATE ENGRAVING ALONG PERIMETER OF PART AS SHOWN.

- 8) WEIGHT: D3281-1L02/-2L02 = 0.95 lb D3281-1L08/-2L08 = 1.13 lb
 D3281-1L02/-2L02 = 0.87 lb D3281-3L08/-4L08 = 1.05 lb

w/10 56486



D3281-1L08 FLOOR PROTECTOR (SHOWN)
D3281-2L08 FLOOR PRETECTOR (OPPOSITE)
 LOCATION OF ENGRAVING



D3281-3L08 FLOOR PROTECTOR (SHOWN)
D3281-4L08 FLOOR PRETECTOR (OPPOSITE)
 LOCATION OF ENGRAVING

RELEASED
 2010-02-26
md